

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000074

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 B29D 31/00**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B29D 31/00, B28B 11/06, B26F 1/24, H01L 21/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
FPD, USPAT, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	US 6511463 B1 ( JDS UNIPHASE CORPORATION) 28 JANUARY 2003 see the whole document	1
A	US 6451240 B1 ( THE PROCTER & GAMBLE COMPANY) 17 SEPTEMBER 2002 see column 10, line 64 - column 12, line 47 ; figures 1 - 17	1
P,A	US 6551849 B1 ( CHRISTOPHER J. KENNEY) 22 APRIL 2003 see column 10, line 37 - column 11, line 32 ; figures 10 - 1U	1
A	WO 99/64580 A1 (GEORGIA TECH RESEARCH CORPORATION) 16 DECEMBER 1999 see page 16, line 13 - page 22, line 19 ; page 31, line 27 - page 33, line 25 ; figures	1

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

25 JUNE 2004 (25.06.2004)

Date of mailing of the international search report

26 JUNE 2004 (26.06.2004)

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/000074

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6511463 B1	28.01.2003	NONE	
US 6451240 B1	17.09.2002	NONE	
US 6551849 B1	22.04.2003	NONE	
WO 9964580 A1	16.12.1999	AU 4561699 A EP 1086214 A1	30.12.1999 28.03.2001